

ATTACHMENT 9

Water Quality and Other Expected Benefits

Water Quality:

The water quality benefits of the project are quantified and presented in physical terms in the attached reports from AECOM and PACE (excluding technical appendices and are available upon request). The AECOM report is dated January 17, 2011 and the PACE report is dated September 28, 2010. Intensive data analysis was conducted to determine the water quality effects of the project. Because the existing basin provides a net water quality benefit, the future project was designed in a manner to maintain those benefits without a detriment to the environment. Critical considerations into the water quality features of the proposed project included: water quality benefits, operation and maintenance, reliability and visual impacts.

Ecosystem Restoration:

This project contains significant ecosystem restoration in that the existing basin slopes, an area greater than 2,000 ft in length and about 20-ft wide will be converted from non-native turf grass into a lush and vibrant native plant habitat. Both container plants and hydroseeding will be utilized to establish the ecosystem restoration. A black wrought iron fence will be placed around the perimeter of the basin in order to keep the public from interfering with the native habitat that will be established. The restoration area is expected to be self-sustaining for the long term.